107.2 - Carbon Dioxide in Nitrogen

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	1674b∗	2617	2619a	2620a	2621a	2622a	2624a	2625a∗
Description	Carbon Dioxide in Nitrogen (Nominal Amount-of-Substance Fraction 7 % mol/mol)	Carbon Dioxide in Nitrogen (Nominal Amount-of-Substance Fraction 500 µmol/mol)	Carbon Dioxide in Nitrogen (Nominal Amount-of-Substance Fraction 0.5 % mol/mol)	Carbon Dioxide in Nitrogen (Nominal Amount-of-Substance Fraction 1 % mol/mol)	Carbon Dioxide in Nitrogen (Nominal Amount-of-Substance Fraction 1.5 % mol/mol)	Carbon Dioxide in Nitrogen (Nominal Amount-of-Substance Fraction 2 % mol/mol)	Carbon Dioxide in Nitrogen (Nominal Amount-of-Substance Fraction 3 % mol/mol)	Carbon Dioxide in Nitrogen (Nominal Amount-of-Substance Fraction 3.5 % mol/mol)
Unit Size	(6 L cylinder)	(6 L cylinder)	(6 L cylinder)	(6 L cylinder)	(6 L cylinder)	(6 L cylinder)	(6 L cylinder)	(6 L cylinder)
Carrier Gas	Nitrogen	Nitrogen	Nitrogen	Nitrogen	Nitrogen	Nitrogen	Nitrogen	Nitrogen
Certified Component	CO_2	CO_2	CO_2	CO_2	CO_2	CO_2	CO_2	CO_2
Nominal Amount-of-substance fraction	7 % mol/mol	500 µmol/mol	0.5 % mol/mol	1.0 % mol/mol	1.5 % mol/mol	2.0 % mol/mol	3.0 % mol/mol	3.5 % mol/mol

∗   These SRMs that are marked with * are available for NTRMs from commercial suppliers.

- Certified values are normal font
- Reference values are italicized
- Values in parentheses are for information only

107.2 - Carbon Dioxide in Nitrogen

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2745*
Carbon Dioxide in Nitrogen (Nominal Amount-of-Substance Fraction 16 % mol/mol)
(6 L cylinder)

Nitrogen
CO_2
16 % mol/mol

- Certified values are normal font
- Reference values are italicized
- Values in parentheses are for information only